

**WHAT IS CLAIMED IS:**

1. An image forming apparatus having a fixing device which pressurizes and heats an unfixed toner image on a paper sheet as the transfer medium to fix the image on the  
5 paper sheet as the transfer medium, comprising:

glossiness changing means; and

control means for changing an output order of fixed images to be printed out.

2. An apparatus according to claim 1, wherein said  
10 glossiness changing means includes at least fixing member temperature changing means.

3. An apparatus according to claim 1, wherein said control means changes a fixed image output order on the basis of glossinesses of series of fixed images to be  
15 printed out and the numbers of series of fixed images to be printed out.

4. An image forming apparatus having a fixing device which pressurizes and heats an unfixed toner image on a paper sheet as the transfer medium to fix the image on the  
20 paper sheet as the transfer medium, comprising:

detection means for detecting a thickness of a paper sheet as the transfer medium or thickness information input means for inputting thickness information of the paper sheet as the transfer medium;

25 fixing condition changing means for changing a fixing condition in accordance with the detected thickness or the input thickness information; and

control means for changing an output order of fixed images to be printed out.

5        5. An apparatus according to claim 4, wherein said fixing condition changing means includes at least fixing member temperature changing means.

6. An apparatus according to claim 4, wherein said control means changes the fixed image output order on the basis of the thickness of the paper sheet as the transfer medium and the numbers of series of images to be printed  
10 out.

7. An image forming apparatus having a fixing device which pressurizes and heats an unfixed toner image on a paper sheet as the transfer medium to fix the image on the paper sheet as the transfer medium, comprising:

15        glossiness changing means;

detection means for detecting a thickness of a paper sheet as the transfer medium or thickness information input means for inputting thickness information of the paper sheet as the transfer medium;

20        fixing condition changing means for changing a fixing condition in accordance with the detected thickness or the input thickness information; and

control means for changing an output order of fixed images to be printed out.

25        8. An apparatus according to claim 7, wherein said fixing condition changing means includes at least fixing member temperature changing means.

9. An apparatus according to claim 7, wherein said control means changes the fixed image output order on the basis of glossinesses of series of fixed images to be printed out and the numbers of series of images to be  
5 printed out.